INTERNATIONAL SEARCH REPORT

International application No. PCT/FI 2005/000031

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01H 9/00, H01H 19/60
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4218594 A (KOMATSU, H. ET AL), 19 August 1980 (19.08.1980), column 1, line 11 - column 4, line 36	1-8
		
A	PATENT ABSTRACTS OF JAPAN Vol. 2000, No. 12, 03 January 2001 (2001-01-03) abstract & JP 2000 243189 A (TAKAOKA ELECTRIC MFG CO LTD) 08 September 2000 (2000-09-08)	1-8
		
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X	Further documents are listed in the continuation of Box	C.	X See patent family annex.		
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"E"	earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other	"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
"O"	special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than	"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
Date	the priority date claimed c of the actual completion of the international search	Date	document member of the same patent family of mailing of the international search report		
17	May 2005		1 9 -05- 2005		
	Name and mailing address of the ISA/		Authorized officer		
Вох	edish Patent Office : 5055, S-102 42 STOCKHOLM simile No. +46 8 666 02 86		onio Farieta /OGU none No. +46 8 782 25 00		

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A	US 6317019 B1 (HERPIN, J-P. ET AL), 13 November 2001 (13.11.2001), column 1, line 8 - column 4, line 7		1-8
A	US 5777283 A (GREER, D.E.), 7 July 1998 (07.07.1998), column 1, line 47 - column 5	, line 4	1-8
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INTERNATIONAL SEARCH REPORT

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